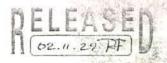
| 15                          | 51           | PLIT        |
|-----------------------------|--------------|-------------|
| DART AEROSPACE LTD          | Work Order:  | 22834       |
| Description: Ø2.750 Support | Part Number: | D2893-1     |
| Dwg: D2893 Rev. A1          | Qty:         | 6 to        |
| WEST 1                      | , k          | Page 1 of 1 |

| Step | Location | Procedure  | Ву   | Date      | Qty |
|------|----------|--|------|-----------|-----|
| 1    | DC       | Issue Traveller . Blank size makes (2) D2893-1 Dwg not required  | 1    | 05.03.23  | 10  |
| 2    | PG       | Issue P/O: 100488 Description: D6104-005 B 22 834 B 23639 Material: 17-4 PH SS (AMS 5643 OR AISI 630) as per Dwg D6104 Material release note required. | и    | 80374     | 10  |
| 3    | RG       | Receive and Inspect for raw material dimensions.  Ensure material release note is attached.  | CL   | 05/04/04  | 10  |
| 4    | MS       | Turn blank for Haas as per Folio FA081   | 2/   | 15/15/W   | 7   |
| 5    | QC1      | Inspect all dimensions as per Dwg D2893  | Er   | 05/05/4   | 34  |
| 6    | MV       | Machine as per Folio FA081   | Es   | 05/05/16  | 3#  |
| 7    | MV       | Tumble & Deburr  | 8    | 6<105/16  | 3#  |
| 8    | QC1      | Inspect all dimensions to inspection sheet as per Dwg D2893  | 5    | 05/05/16  | 34  |
| 9    | QC8      | Inspect dimensions for second check  | me   | ostastico | 30  |
| 10   | FP       | Powder Coat White (4.3.5.2) per QSI 005 4.3  | ml   | 05 05 31  | 3   |
| 11   | QC3      | Inspect Powder Coat  | mil  | 05-06-01  | 6   |
| 12   | ST       | Identify and stock   | mil  | 05-06-01  | 6   |
| 13   | AC       | Cost / part Zo 7.84  | 540  | 05.06.03  | 6   |
| 14   | DC       | Close W/O Zo1. 8 V<br>Inspect Level 21   | KAP. | 050603    | 6   |

| Rev | Date     | Change              | Revised By Approv | ved |
|-----|----------|---------------------|-------------------|-----|
| A   | 01.01.08 | Preliminary Issue   | EC                |     |
| В   | 01.07.19 | Heat treat removed  | NG ,              |     |
| С   | 02.11.26 | Reformat; Added P/O | KJ /RF RF V       |     |



## Dart Aerospace Ltd

| W/O: WORK ORDER CHANGES |      |                  |   |  |   |  |    |      | 2   |                                 |                          |  |
|-------------------------|------|------------------|---|--|---|--|----|------|-----|---------------------------------|--------------------------|--|
| DATE                    | STEP | PROCEDURE CHANGE |   |  |   |  | Ву | Date | Qty | Approval<br>Mfg / Design<br>Mgr | Approval<br>QC Inspector |  |
|                         |      |                  | 8 |  | C |  |    |      |     |                                 |                          |  |
|                         | 8    | =                | 8 |  |   |  |    |      |     |                                 |                          |  |

| NCR:     |           | W   | ORK OR                | DER NON-CONFORMANCE            | (NCR)          |              |                        | 4                        |
|----------|-----------|---|-----------------------|--------------------------------|----------------|--------------|------------------------|--------------------------|
|          | 0.50015-0 | Description of NC   |                       | Corrective Action Section B    |                | Verification | Annroval               | Approval<br>QC Inspector |
| DATE     | STEP      | Section A   | Initial<br>Design Mgr | Action Description  Design Mgr | Sign &<br>Date | Section C    | Approval<br>Design Mgr |                          |
| 05/05/12 | # 4       | Part is too short<br>by .030" will not fit<br>in milling Jig<br>0.025" missing in centl<br>of folio description |                       |                                |                |              |                        |                          |
| ostosty  |           | one PART SCRAP.<br>hale PAHERN off.   |                       | Clostray                       |                |              |                        |                          |
|          |           |   |                       | 5                              |                |              |                        |                          |

| Part No: D2893-1                 | PAR #: | Fault Category: | NCR: | Yes | No    | DQA:   | Date: | . K. A. | - |
|----------------------------------|--------|-----------------|------|-----|-------|--------|-------|---------|---|
| NOTE: Date & initial all entries |        |                 |      | QA: | N/C C | losed: | Date: | •       |   |

| DART AEROSPACE LTD            | Work Order:  | 22834       |
|-------------------------------|--------------|-------------|
| Description: Ø2.750 Support   | Part Number: | D2893-1     |
| Inspection Dwg: D2893 Rev. A1 |              | Page 1 of 1 |

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below;

|     |       |          |                   | Re      | corded Act | ual Dimensi  | ons       |    |      |
|-----|-------|----------|-------------------|---------|------------|--------------|-----------|----|------|
| Dim | Min   | Max      | Go/No Go<br>Gauge | 1       | 2          | 3            | 4         | Ву | Date |
|     | .1    |          | •                 | Lath    | e Section  |              |           |    |      |
| Α   | 2.707 | 2.712    |                   | 2.712   | 2.710      | 7.712        | 2-711     |    |      |
| В   | 4.946 | 4.966    |                   | 4 . 953 | 4.955      | 4.959        | 4.962     |    |      |
| C   | 3.064 | 3.084    | 3.07              | 3.073   | 3.078      | 3:075        | 3-075     |    |      |
| D   | 0.718 | 0.738    |                   | · 728.  |            | 0.728        | .726      |    |      |
| E   | 0.090 | 0.110    |                   | 094     | .095       | 0-100        | 0.096     |    |      |
| F   | 2.934 | 2.954    |                   | 2.945   | 2.946      | 2.945        | 2.945     |    |      |
| G   | 2.166 | 2.186    |                   | 2.172   | 20173      | 2.177        | 3-897     |    |      |
| Н   | 3.890 | 3.910    |                   | 3.899   | 3 902      | 3.890        | 3-297     |    |      |
| 1   | 0.914 | 0.934    |                   | 0.930   | 3.173      | 0.939        | 0 930     |    |      |
| J   | 0.022 | 0.042    |                   | R.037   | R 0032     | RO.037       | R.0032    |    |      |
| K   | 0.109 | 0.129    |                   | 0-116   | 0-118      | 0.114        | 0-120     |    |      |
| L   |       | 3732233  |                   |         |            |              |           |    |      |
|     |       |          |                   | HAAS    | S Section  | 2            | 2         |    |      |
| AA  | 2.985 | 3.005    |                   | 2.995   | 2.997      |              | 2.486     |    |      |
| AB  | 0.440 | 0.460    |                   | 0450    | 2.997      | 0.450        | 5640      |    |      |
| AC  | 0.125 | 0.160    |                   | £ 143   | 6.143      | 0.138        | 6.137     |    |      |
| AD  | 0.040 | 0.060    |                   | 0.642   | 0.844      | 0.043        | 0.045     |    | 1.0  |
| AE  | 0.188 | 0.193    | DT8706            | 6,88    | 6.102      | 0.188        | 6.188     |    |      |
| AF  | 0.125 | 0.160    |                   | 6.151   | 0-151      | 0/47         | 0.146     |    |      |
| AG  | 0.140 | 0.160    |                   | 0.151   | 0.148      | 0.49         | 6. 143    |    |      |
| AH  | 1.360 | 1.400    |                   | 1.390   | 1386       | 1.382        | 1.382     |    |      |
| Al  | 0.040 | 0.060    |                   | 0.047   | 6.057      | 0.045        | 0.041     |    |      |
| AJ  | 1.190 | 1.230    |                   | 11190   | 1.1290     | 7-1701-1-210 | MES 1.210 |    |      |
| AK  | 0.010 | 0.020    |                   | 0.010   | 0016       | 0.00         | 6-0/6     |    |      |
| AL  | 0.053 | 0.073    |                   | 0.063   | 0.063      | 0.663        | 0.063     |    |      |
| AM  | 0.240 | 0.260    |                   | 0.250   | 6.238      | 0.250        | 0.250     |    |      |
| AN  | 2.518 | 2.538    |                   | 2.578   | 2.578      | 2.528        | 2,528     |    |      |
| AO  | 84.39 | 90.39    | DT8699            |         | 8          | -            | ~         |    |      |
| AP  | 0.257 | 0.262    | DT8683            | 6.258   | 0.258      | 0.258        | 0. ZS 8   |    |      |
| AQ  | 0.053 | 0.073    |                   | 0.063   | 0-063      | 0.08         | 0.063     |    |      |
| AR  | 0.000 | 2.313    |                   |         | - 005      | 0.0          |           |    | p.   |
| AS  |       |          |                   |         |            |              |           |    |      |
|     | Acc   | ept/Reje | ct                |         |            |              |           |    | 1    |

Measured by: Audited by BC
Date: Date: Sloslub

| Rev | Date     | Change    | Revised by | App#oved |
|-----|----------|-----------|------------|----------|
| Α   | 02.12.13 | New Issue | KJ/RF R    |          |



| DART AEROSPACE LTD            | Work Order:  | 72834       |
|-------------------------------|--------------|-------------|
| Description: Ø2.750 Support   | Part Number: | D2893-1     |
| Inspection Dwg: D2893 Rev. A1 |              | Page 1 of 1 |

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

|     |       |           |                   | Re     | corded Act | ual Dimensi | ons    |    |      |
|-----|-------|-----------|-------------------|--------|------------|-------------|--------|----|------|
| Dim | Min   | Max       | Go/No Go<br>Gauge | 1      | 2          | 3           | 4      | Ву | Date |
|     |       |           |                   | Lath   | e Section  |             |        |    |      |
| Α   | 2.707 | 2.712     |                   | 2.712  | 2.712      | 2.714       | 2711   |    |      |
| В   | 4.946 | 4.966     |                   | 4.953  | 4.956      | 4.962       | F. 166 |    |      |
| С   | 3.064 | 3.084     |                   | 3.069  | 3.068      | 3.070       | 3079   |    |      |
| D   | 0.718 | 0.738     |                   | 0.778  | 6778       |             | 0-725  |    |      |
| E   | 0.090 | 0.110     |                   | 0.100  | 0.100      |             | o-too  |    |      |
| F   | 2.934 | 2.954     |                   | 2.945  | 2.945      |             | 255    |    |      |
| G   | 2.166 | 2.186     |                   | 2.172  | 2175       |             |        |    |      |
| Н   | 3.890 | 3.910     |                   | 3.897  | 3.890      | 3.890       | 3-85   |    |      |
| 1   | 0.914 | 0.934     |                   | 0.930  |            | 0.930       | 388    |    |      |
| J   | 0.022 | 0.042     |                   | 0030   | 0.032      | 0.032       | 0.032  |    |      |
| K   | 0.109 | 0.129     |                   | 0.120  | 0.120      | 0.120       | 0420   |    |      |
| L   |       |           |                   |        |            |             |        |    |      |
|     |       |           |                   | HAA    | S Section  |             |        |    |      |
| AA  | 2.985 | 3.005     |                   | 3.001  | 3005       | 3.002       | 3.002  |    |      |
| AB  | 0.440 | 0.460     |                   | 0 450  | 6.458      | 0.450       | 6.856  |    |      |
| AC  | 0.125 | 0.160     |                   | 0.151  | 0.158      | 0. K/8      | 0.157  |    |      |
| AD  | 0.040 | 0.060     |                   | 0.047  | 0 647      |             |        |    |      |
| AE  | 0.188 | 0.193     | DT8706            | 0.188  | 0.188      | 0.188       |        |    |      |
| AF  | 0.125 | 0.160     |                   | 0-149  | 0.151      | 0.148       |        |    |      |
| AG  | 0.140 | 0.160     |                   | 0. KL8 | 0158       | 0.150       | 0.147  |    |      |
| AH  | 1.360 | 1.400     |                   | 1.382  | 1.382      | 1.380       | 1.380  |    |      |
| Al  | 0.040 | 0.060     |                   |        | 6.015      | 0.040       | 9042   |    |      |
| AJ  | 1.190 | 1.230     |                   | 1.210  | 1.210      | 1.210       | 1.217  |    |      |
| AK  | 0.010 | 0.020     |                   | 6610   | 0.010      | 0.00        | 0.010  |    |      |
| AL  | 0.053 | 0.073     |                   | 0.663  | 0.063      |             | 0.063  |    |      |
| AM  | 0.240 | 0.260     |                   | 0.75   | 0.250      |             | 0.250  |    |      |
| AN  | 2.518 | 2.538     |                   | 2.528  | 2.528      |             | 2.528  |    |      |
| AO  | 84.39 | 90.39     | DT8699            |        |            | 1000        | -      |    |      |
| AP  | 0.257 | 0.262     | DT8683            | 0.257  | 0.257      | 0.257       | 0.257  |    |      |
| AQ  | 0.053 | 0.073     |                   | 0.663  | 0.063      |             |        |    |      |
| AR  |       |           |                   |        |            |             |        |    |      |
| AS  |       |           |                   |        |            |             |        |    |      |
|     | Acc   | ept/Rejec | ot                |        |            |             |        |    |      |

| Measured by: | En      | Audited by | * |
|--------------|---------|------------|---|
| Date:        | 5/05/16 | Date:      |   |

| Rev | Date     | Change    | Revised by | App/oved |
|-----|----------|-----------|------------|----------|
| Α   | 02.12.13 | New Issue | KJ/RF R    | -#-      |



| DART AEROSPACE LTD            | Work Order:  | 22834       |  |
|-------------------------------|--------------|-------------|--|
| Description: Ø2.750 Support   | Part Number: | D2893-1     |  |
| Inspection Dwg: D2893 Rev. A1 |              | Page 1 of 1 |  |

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

Date

|     |       |           |                   | Re      |           |  |  |    |
|-----|-------|-----------|-------------------|---------|-----------|--|--|----|
| Dim | Min   | Max       | Go/No Go<br>Gauge | 1       | 2         | 3  | 4  | Ву |
|     |       |           |                   | Lath    | e Section |  |  |    |
| Α   | 2.707 | 2.712     |                   | 3.711   | 2.712     |  |  |    |
| В   | 4.946 | 4.966     |                   | 4.952   | 4.950     |  |  |    |
| С   | 3.064 | 3.084     |                   | 3.075   | 3.074     |  |  |    |
| D   | 0.718 | 0.738     |                   | 0.730   | 0.739     |  |  |    |
| E   | 0.090 | 0.110     |                   | 0-098   | 0.048     |  | 0  |    |
| F   | 2.934 | 2.954     |                   | 2.945   | 2.945     |  |  |    |
| G   | 2.166 | 2.186     |                   | 2.177   | 2-176     |  |  |    |
| Н   | 3.890 | 3.910     |                   | 3.899   | 3-800     |  |  |    |
| Ī   | 0.914 | 0.934     |                   | 0.930   | 0.930     |  | 0  |    |
| J   | 0.022 | 0.042     |                   | 0-032   | 0.032     |  |  |    |
| K   | 0.109 | 0.129     |                   | 0-115   | 0.117     |  |  |    |
| L   |       |           |                   |         |           |  |  |    |
|     |       |           |                   | HAA     | Section   |  |  |    |
| AA  | 2.985 | 3.005     |                   | 3,003   | 3.002     |  |  | 1  |
| AB  | 0.440 | 0.460     |                   | 0.450   | 0.450     |  |  | 1  |
| AC  | 0.125 | 0.160     |                   | 0.148   | 0.148     |  |  |    |
| AD  | 0.040 | 0.060     | 6.1               | Residen | 6.041     |  |  |    |
| AE  | 0.188 | 0.193     | DT8706            | 0188    | 0./88     |  | and the same of th |    |
| AF  | 0.125 | 0.160     |                   | 0140    | 0.143     |  |  |    |
| AG  | 0.140 | 0.160     |                   | 0/49    | 0.149     |  |  |    |
| AH  | 1.360 | 1.400     |                   | 1382    | 1,3902    | 1  |  |    |
| AI  | 0.040 | 0.060     |                   | 0.082   | 0.048     | and the same of th |  |    |
| AJ  | 1.190 | 1.230     |                   | 1.222   | 1.218     |  |  |    |
| AK  | 0.010 | 0.020     |                   | 0.010   | 0010      |  |  |    |
| AL  | 0.053 | 0.073     |                   | 6063    | 0.063     |  |  |    |
| AM  | 0.240 | 0.260     |                   | 0.250   | 6.7       |  |  | 4  |
| AN  | 2.518 | 2.538     |                   |         |           |  |  |    |
| AO  | 84.39 | 90.39     | DT8699            | _       |           |  |  |    |
| AP  | 0.257 | 0.262     | DT8683            | 6.257   |           |  |  |    |
| AQ  | 0.053 | 0.073     |                   | 0.0     |           |  |  |    |
| AR  | 3.003 | 3.0.0     |                   |         |           |  |  |    |
| AS  |       |           |                   |         |           |  |  |    |
|     | Acc   | ept/Rejec | et                | ,       |           |  |  |    |

Measured by: Date:

| Rev | Date     | Change    |
|-----|----------|-----------|
| Α   | 02.12 13 | New Issue |

## Job Costing Report

| Dart | Aerospace | Ltd. |
|------|-----------|------|
|      | esbury    |      |

Mar 23, 2005 07:09 am

| Work Order No :     | 0022834  |                 |                |
|---------------------|----------|-----------------|----------------|
| Project Name :      | D2893-1  | Department Code | •              |
| Project For :       |          | Burden Flags    | : NNNNNNN      |
| Work Order Type :   |          | WO Status       | : Open         |
| Main WO Number :    |          | Invoice State   | : Not Invoiced |
| House Part Number : | D2893-1  | Invoice Date    | :              |
| Description : Sup   |          | Invoice Number  | :              |
| Manufactured : Yes  |          | Invoice Amount  | : 0.00         |
| Amount Req'd :      | 10       |                 |                |
| Amount Done :       | 0        | Order Entry No  | :              |
| Start Date :        | 03-23-05 | OE Value        | : 0.00         |
| Est Finish Date :   | 04-15-05 |                 |                |
| Act Finish Date :   |          | Est Mark Up     | : 0.000%       |
| Drawings Reqd :     | No       | Actual Mark Up  | : 0.000%       |
| 01 5 7 7            |          |                 |                |

Ok for Approval : \$0 Posted to Finished Goods

|                   |   | Estimated | Actual   | Var. % | Posted | To Post |
|-------------------|---|-----------|----------|--------|--------|---------|
| Material Cost     | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| Engineering Hours | : | 0.00      | 0.00     | 0.00   |        |         |
| Engineering Cost  | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| Production Hours  | : | 0.00      | 0.00     | 0.00   |        |         |
| Production Cost   | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| Packaging Hours   | : | 0.00      | 0.00     | 0.00   |        |         |
| Packaging Cost    | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| OverHead Hours    | : | 0.00      | 0.00     | 0.00   |        |         |
| OverHead Cost     | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| CNC Hours         | : | 0.00      | 0.00     | 0.00   |        |         |
| CNC               | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
| Misc. Hours       | : | 0.00      | 0.00     | 0.00   |        |         |
| Misc.             | : | 0.00      | 0.00     | 0.00   | 0.00   | 0.00    |
|                   |   | =======   | ======== | ====== |        |         |
| Burden            | ; | 0.00      | 0.00     | 0.00   |        |         |
|                   |   | ========  | ======== | ====== |        |         |
| Total Cost        | : | 0.00      | 0.00     | 0.00   |        |         |
| Mark up           | : | 0.000     | 0.000    |        |        |         |
| Selling Cost      | : | 0.00      | 0.00     |        |        |         |

|                        |   | Estimated | Actual |
|------------------------|---|-----------|--------|
| Labour Hrs/Amount Done | : | 0.00      | 0.00   |
| Profits/(Loss)         | : | 0.00      | 0.00   |



## Certificate of Test



CERTIFICATION

HEAT 62659

Columbium/

Iron

Tantalum (Cb+Ta)

(Fe)

FROM COPPER & BRAS OUALEY REP.

Frequency .000
Melt Practice EAF
Refining Practice AOD
De-long Ferrite .0

ORDER 0465704/001 SON 4270076 BOL 0128175 TAG 1648679 10/14/

SHIP TO: COPPER AND BRASS SALES 4601 34TH STREET SW SUITE 107 ORLANDO FL 32811 CA7349 10/14/04 CUST# COPBRA01 CUST TAG#408860-5 ITEM DESCRIPTION -----Country of Melt: BRI Country of Mfg.: BRI NAFTA Country of Origin is Country of Melt 17-4 HRART RND BAR 4 STD Size Ship Condition A Total Bundles 1 SON Weight 4222 SPECIFICATIONS ---AMS 56430 ASTM A484 03A AMS 2303E ASME SA564 E01 DIN 50049/EN 10204 3.1B COPPER & BRASS 17-4 PH MAXX ASTM A564 02A TYPE 630 FREE OF MERCURY CONTAMINATION AISI 630, UNS S17400 MAXX STAINLESS STEEL BAR NO WELD REPAIR ----- MECHANICAL & OTHER TESTS ---H900 Test Condition Hardness as tested (415 HBW )
Hardness as tested 45 HRC
Tensile strength, KSI (MPa) 204.0 (
0.2% Yield Strngth, KSI (MPa) 176.0 (352 HBW ) Hardness as shipped Hardness as shipped 38 HRC 7.0 OK (1407) (1214) Grain size Micro Intergranular corrosion OK Elongation % in 4D Reduction of area % Hardenability 17.0 47.0 OK Macro CHEMICAL COMPOSITION ----(C) .061 (P) .021 (Si) .370 (Ni) 4.210 (Mo) .070 (Cb) .350 Manganese (Mn) .870 Sulphur (S) .002 Chromium (Cr) 15.740 Carbon (Cr) 15.740 (Cu) 3.380 (N) .042 Phosphorus Silicon Nickel Moly Columbium Copper Nitrogen

Knowingly & willfully falsifying or concealing a material act on this form or making false, fictitious or fraudulent statements or representations herein could constitute a felony punishable under federal statutes.

Severity

We hereby certify that the chemical analysis and/or test results shown in this report are correct as contained in the records of the company.

DATE 3.98-5 CUSTOMER CYBS Canada WORK ORDER 1 DG 7536 QUANTITY 1824 M.F. Marcanio, Quality Manager THESE TESTS ARE FOR MATERIAL SHIPPED P.O. 20077875 OF 49

Catalano

.350 Balance

AvestaPolarit Inc. Bar Products 3043 Crenshaw Pkwy. Richburg, SC 29729 M.F Marconis

.000

.000